

A List of Holttum's New Taxa and Name-Changes in Ferns to July 1975

by

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Little did I think, when I embarked on this abstracting, that I would be delving among some 420 titles by R. E. Holttum which range over botany, horticulture, philosophy, etc. (see *Flora Malesiana Bulletin* 28: 1975), and that I would find around 700 items for this present list.

I have not included anything published after his 80th birthday on 20 July 1975, nor some few names superfluously replicated, nor some invalidly published (usually without latin diagnoses and usually rectified later). The genus *Polystichopsis* (17: 149, 152) is, to me, obscure and I suspect there may be other items in this work and also in a similar treatment (The classification of ferns, in *Biol. Rev.* 24: 267-296. 1949).

It is with the greatest pleasure that I present this list, acknowledging with gratitude much helpful discussion with colleagues, and trusting it will serve a useful purpose.

For brevity, I have numbered the bibliography, then quoted those numbers followed by page numbers. New species give the type and its location, a semicolon separating holotype from isotypes. Where Holttum designates no type but lists specimens he has seen, I have quoted the first in that list, not thereby implying any other status. Basionym authors followed by their genus are enclosed in round brackets.

Abacopteris menisciicarpa (Bl. — *Aspidium*) 24:290

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A. salicifolia (Wall. ex Hook. — *Meniscium*) 24:288

Alsophila parvifolia 2:19. — Mentawi Is., Kloss 14579 (SING)

Amauropelta bergiana (Schlechtend. — *Polypodium*) 57:133

A. bergiana var. *calva* 57:133. — Cameroon Mt, Richards 4308 (K)

A. bergiana var. *tristanensis* 57:134. — Tristan da Cunha, Carmichael (K)

A. heteroptera (Desv. — *Nephrodium*) 57:132

A. membranifera (C. Chr. — *Dryopteris*) 57:132

A. oppositifolia (C. Chr. — *Dryopteris*) 57:135

A. strigosa (Willd. — *Aspidium*) 57:134

A. tomentosa (Thouars — *Polypodium*) 57:134

AMPHINEURON *gen. nov.* 50:45, figs 19, 19a. — type species: *A. opulentum*

A. immersum (Blume — *Aspidium*) 62:203

A. opulentum (Kaulf. — *Aspidium*) 50:45

A. terminans (Hook. — *Nephrodium*) 54:82

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Athyrium amplissimum (Bak. — *Asplenium*) 24:569

A. angustipinna 23:8 — Malaya, Holttum SFN 39461 (SING)

A. angustisquamatum 16:273. — Malaya, Holttum SFN 37359 (SING)

A. curtisii 22:545. — Malaya, Molesworth-Allen 2338 (SING)

A. insigne (Holtt. — *Diplazium*) 24:562

A. kunstleri (Holtt. — *Diplazium*) 24:564

A. latisquamatum (Holtt. — *Diplazium*) 24:563

A. malaccense (Presl. — *Diplazium*) 24:552

A. montanum (v.A.v.R. — *Diplazium*) 24:555

A. prescottianum (Wall. ex Hook. — *Asplenium*) 24:557

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A. riparium (Holtt. — *Diplazium*) 24:554

A. simplicivenium (Holtt. — *Diplazium*) 24:573

A. subintegrum (Holtt. — *Diplazium*) 24:557

A. velutinum (Holtt. — *Diplazium*) 24:567

Belvisia longissima 41:328. — New Guinea, Pullen 5356 (K)

Bolbitis nitens 27:453. — Malay Peninsula, Molesworth-Allen 3384 (K)

B. singaporensis 16:271. — Malaya, Hullett s.n., March 1882, 2 sheets (SING)

Cerosora sumatrana 27:450. — Sumatra, Meijer 3959 (L)

CHINGIA *gen. nov.* 50:31. — type species: *C. ferox*

C. acutidens 60:17. — Celebes, Alston 15708 (BM)

C. atropinosa (C. Chr. — *Dryopteris*) 60:19

C. clavipilosa 60:23. — N Borneo, Mt Kinabalu, Holttum 44 (SING; K)

C. christii (Copel. — *Cyclosorus*) 60:25

C. ferox (Bl. — *Aspidium*) 50:31

C. horridipes (v.A.v.R. — *Dryopteris*) 60:26

C. imponens (Cesati — *Polypodium*) 60:21

C. malodora (Copel. — *Dryopteris*) 60:19

C. longissima (Brack. — *Goniopteris*) 60:17

C. muricata (Brause — *Dryopteris*) 60:20

C. paucipaleata 60:26. — Philippine Is., Luzon, Price 781 (PNH; K)

C. perrigida (v.A.v.R. — *Phegopteris*) 60:27

C. supraspinigera (Rosenst. — *Dryopteris*) 60:27

C. pricei 60:22. — Philippine Is., Luzon, Price 512 (PNH; K)

C. pseudoferox 60:24. — Malay Peninsula, Perak, Matthew s.n., 6 Feb 1908 (K)

C. sambasensis 60:24. — W Borneo, Brooks s.n., Sept 1908 (BM; K, L)

C. urens 60:28. — Philippine Is., Luzon, Mt Makiling, Price 2367 (PNH; K)

Christella *sect. PELAZONEURON* 57:144 — type species: *Polypodium patens*

C. afzelii (C. Chr. — *Dryopteris*) 57:146

C. altissima 57:141. — Natal, Buchanan 103b (K)

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- C. arida* (D. Don — *Aspidium*) 62:206
- C. callensii* (Alston — *Cyclosorus*) 57:146
- C. assamica* (Bedd. — *Nephrodium multilineatum* var.) 62:210
- C. chaseana* (Schelpe — *Thelypteris*) 57:148
- C. clarkei* (Bedd. — *Pleocnemia*) 62:203
- C. crinipes* (Hook. — *Nephrodium*) 62:208
- C. cylindrothrix* (Rosenst. — *Dryopteris*) 62:208
- C. dentata* (Forsk. — *Polypodium*) 55:306, [transfer previously made by Brownsey & Jermy in Brit. Fern Gaz. 10:338. 1973]
- C. distans* (Hook. — *Nephrodium*) 57:140
- C. evoluta* (Clarke & Baker — *Nephrodium amboinense* var.) 62:208
- C. friesii* (Brause — *Dryopteris*) 57:145
- C. gueinziana* (Mett. — *Aspidium*) 57:147
- C. guineensis* (Christ — *Dryopteris*) 57:145
- C. hilsenbergii* (Presl — *Nephrodium*) 57:142
- C. jerdonii* (Ching — *Cyclosorus*) 62:206
- C. lebeufii* ("leboefii") (Baker — *Polypodium*) 62:206
- C. meeboldii* (Rosenst. — *Dryopteris*) 62:208
- C. microbasis* (Baker — *Nephrodium*) 57:146
- C. modesta* 57:144. — Madagascar, Decary 16,485 (P)
- C. molliuscula* (Kuhn — *Aspidium*) 62:205
- C. multifrons* (C. Chr. — *Dryopteris*) 57:145
- C. namburensis* (Bedd. — *Polypodium*) 62:206
- C. papilio* (Hope — *Nephrodium*) 62:208
- C. papyracea* (Bedd. — *Nephrodium*) 62:206
- C. proluxa* (Willd. — *Aspidium*) 54:83
- C. zeylanica* (Fée — *Nephrodium*) 62:208

Cibotium arachnoideum (C. Chr. — *Cibotium cumingii* var.) 32:166

Colysis acuminata (Bak. — *Gymnogramme*) 24:162

CORYPHOPTERIS *gen. nov.* 50:33. — type species *C. viscosa*

- C. didymochlaenoides* (Clarke — *Nephrodium gracilescens* var.) 62:203
- C. hirsutipes* (Clarke — *Nephrodium gracilescens* var.) 62:203
- C. viscosa* (Bak. — *Nephrodium*) 50:33

Crypsinus laciniatus (Presl — *Phymatodes*) 24:198

- C. stenophyllus* (Bl. — *Polypodium*) 24:199
- C. subfasciatus* (Holtt. — *Phymatodes*) 24:202

Ctenitis manilensis (Presl. — *Lastrea*) 47:36

C. setosa (Presl — *Lastrea*) 47:20

Ctenopteris alata (Bl. — *Davallia*) 24:232

- C. brevivenosa* (v.A.v.R. — *Polypodium*) 24:228
- C. contigua* (Forst. — *Trichomanes*) 24:230
- C. khasyana* (Hook. — *Polypodium*) 24:233
- C. leysii* (Bak. — *Polypodium*) 24:232
- C. minuta* (Bl. — *Polypodium*) 24:228
- C. moultonii* (Copel. — *Polypodium*) 24:229
- C. obliquata* (Bl. — *Polypodium*) 24:229
- C. sparsipilosa* 16:268. — Malaya, Holttum SFN 23522 (SING)
- C. subminuta* (v.A.v.R. — *Polypodium*) 24:228

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C. subgen. *Sphaeropteris* *sect.* *SCHIZOCAENA* (J. Sm. — *pro gen.*) 32:141

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- C. *subgen. Sphaeropteris sect. Schizocaena subsect. SARCOPHOLIS* 32:153. fig. 30.
Type species: *Cyathea rosenstockii*
- C. *subgen. Sphaeropteris sect. Sphaeropteris subsect. FOURNIERA* (Bommer — *pro gen.*) 32:138. fig. 27
- C. *acanthophora* 30:51. — N. Borneo, Clemens 34012 (BO; US)
- C. *aeneifolia* var. *macrophylla* 32:134. — NE New Guinea, Hoogland & Schodde 7209 (L)
- C. *aeneifolia* var. *melanacantha* (Copel. — *Cyathea*) 32:134
- C. *agathetii* 30:51. — Indonesian Borneo, Kostermans 12870 (BO; A, K, L)
- C. *alleniae* 30:52. — Pahang, Molesworth Allen 4127 (K; US)
- C. *angustipinna* 30:52. — Sarawak, Richards 1675 (K; SING, US)
- C. *archboldii* var. *horrida* 32:99. — NE New Guinea, Hoogland & Pullen 5506 (K)
- C. *atrospinoso* 30:53. — NE New Guinea, Hoogland & Pullen 6090 (K)
- C. *atrox* var. *inermis* 32:130. figs. 24, 25. — NE New Guinea, Hoogland & Schodde 7457 (L)
- C. *australis subsp. norfolkensis* 33:244. — Norfolk Id., Metcalf s.n. (NSW, P5817)
- C. *carrii* 30:53. — Papua, Carr 13526 (K; BM, L)
- C. *catillifera* 30:53. — Papua, Brass 4549 (BRI)
- C. *cicatricosa* 33:274. — New Caledonia, Green 1778 (K)
- C. *coactilis* 31:533. — Papua, Schodde 1887 (CANB)
- C. *cuacullifera* 30:54. — NE New Guinea, Hoogland & Pullen 5497 (K; BO, BRI, L, SYD, US)
- C. *decurrens subsp. epaleata* 33:249. — Tahiti, Grant 4233 (K)
- C. *deminuens nom. nov.* 32:145. — *Alsophila parvifolia*
- C. *dicksonioides* 31:529. — New Guinea, Hoogland & Schodde 7171 (L)
- C. *discophora* 30:54. — N. Borneo, Clemens 31698 (B; BO, US)
- C. *eriophora* 30:55. — Papua, Carr 14439 (K; BM, L)
- C. *excavata* 8:306. t.31. — Malaya, Holtum SFN 23538 (SING)
- C. *gigantea* (Wall. — *Alsophila*) 8:318
- C. *glaberrima* 30:55. — Papua, Brass 27092 (L; US)
- C. *hooglandii* 30:56. — NE New Guinea, Hoogland & Schodde 7203 (L)
- C. *inaequalis* 30:56. — Papua, Brass 23547 (L; A)
- C. *insulana* 30:56. — Papua, Brass 24725 (A; L)
- C. *insularum* 30:57. — Papua, Brass 27419 (L; K, US)
- C. *jacobsii* 57:499. — S. Sumatra, Jacobs 8113 (L; BO, K)
- C. *kanehirae nom. nov.* 32:113. — *Alsophila arfakensis*
- C. *latebrosa* var. *indusiata* 8:305. — Malaya, Holtum SFN 23539 (SING)
- C. *loerzingii* 30:58. — Sumatra, Lörzing 14904 (L; BO)
- C. *lunulata subsp. vitiensis* (Carr. — *Alsophila vitiensis*) 33:264
- C. *macrophylla* var. *quadripinnata* 32:141. — NE New Guinea, Womersley NGF 13959 (K)
- C. *mesosora* 30:57. — NE New Guinea, Robbins 1032 (L)
- C. *microchlamys* 30:58. — Philippine Is., Ramos 30475 (US; P)
- C. *nigrolineata* 30:58. — NE New Guinea, Hoogland & Pullen 5495 (K; BO, BRI, L, SYD, US)
- C. *nigropaleata* 30:59. — NE New Guinea, Pullen 666 (L)
- C. *nilgirensis* 35:468. — India, Gamble 17799 (K)
- C. *nothofagorum* 41:327. — NE New Guinea, Pullen 5358 (K)
- C. *oösora* 30:59. — N. Borneo, Clemens 51188 (K; A, L, MICH, UC)
- C. *pallidipaleata* 30:60. — Celebes, Eyma 776 (BO)
- C. *parvipinna* 30:60. — Papua, Brass 25837 (L; K, US)
- C. *pseudomuelleri* 30:61. — W. New Guinea, Brass 9430 (A; BO, L, MICH, UC)
- C. *pynconeura* 31:533. — New Guinea, Pullen 562 (CANB; BM, L)
- C. *robusta* (C. Moore — *Alsophila*) 33:265

(Cyathea cont.)

- C. rubella* 30:61. — Papua, Hoogland 4487 (K; A, BM, BRI, L)
C. sarasinorum *nom. nov.* 30:61. — *Alsophila contaminans* var. *longepaleata*
C. semiamplexens 30:62. — NE New Guinea, Womersley 11500 (BRI; L)
C. setifera 30:62. — N. Moluccas, Main & Aden 1306 (BO; K, L)
C. solomonensis 33:252. — Solomon Is., Whitmore & Womersley BSIP 1035 (LAE)
C. subtripinnata 31:534. — Papua, Schodde 1763 (CANB)
C. stelligera 33:250. — New Caledonia, McKee 9863 (NSW)
C. stipitipinnula 30:62. — N. Borneo, Clemens 33156 (K; A, BO, L, UC)
C. womersleyi 30:63. — NE New Guinea, Womersley & Millar 8470 (K; A, BO, L, SYD)
C. vandeusenii 31:529. — New Guinea, Brass 29989 (L; K)
C. verrucosa 30:63. — Sumatra, Matthew s.n. (K)
- Cyclosorus deminuens* 34:135. — New Guinea, Brass 32106 (K)
C. dicranogramma (v.A.v.R. — *Dryopteris*) 24:267
C. ecallosus 16:269. — Malaya, Holttum SFN 31294 (SING)
C. heterocarpus var. *glaucostipes* (Bedd. — *Nephrodium glaucostipes* 24:271
C. jacobsii 31:530. — Sarawak, Jacobs 5086 (L; K, SAR, G, US, B, S-PA)
C. menisciicarpus (Blume — *Aspidium*) 44:39
C. oligodictyus (Bak. — *Acrostichum*) 31:530
C. polycarpus (Bl. — *Aspidium*) 24:283
- Davallia dimorpha* 9:122. — Malaya, Holttum SFN 31298 (SING)
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- Dicksonia lanigera* 30:64. — W. New Guinea, Pulle 1010 (L; BM)
D. mollis 30:64. — Philippine Is., Elmer 9874 (K; L, MICH, US)
- Dicranopteris* *subgen.* ACROPTERYGIUM (Diels, *pro sect. sub* *Gleichenia subgen.* *Mertensia* 26:261
D. clemensiae 26:275 — N. Borneo, Clemens 28745 (BM; K, L, US)
D. linearis var. *alternans* (Mett. — *Gleichenia dichotoma* var. 26:278
D. linearis var. *altissima* 26:276. — Malay Peninsula, Corner SF 31447 (SING; K, L)
D. linearis var. *demota* 26:275 — N. Borneo, Clemens 29535 (BM; K, L, US)
D. linearis var. *dichotoma* (Thunb. — *Polypodium dichotomum*) 26:277
D. linearis var. *ferruginea* (Blume — *Gleichenia ferruginea*) 26:278
D. linearis var. *glabra* 44:40 — Bismarck Archipelago, Noona Dan Exped. 2608 (C)
D. linearis var. *inaequalis* (Rosenst. — *Gleichenia*) 26:278
D. linearis var. *latiloba* 26:277. — Philippine Is., Merrill 975 (US)
D. linearis var. *montana* 26:276. — Malay Peninsula, Molesworth Allen 2720 (SING)
D. linearis var. *rigida* (Blume — *Gleichenia hermannii* var.) 26:277
D. linearis var. *subpectinata* (Christ — *Gleichenia subpectinata* 26:277
D. linearis var. *subspeciosa* 26:278. — N. Borneo, Topping 1516 (SING; US)
D. speciosa (Presl — *Hicriopteris*) 26:273
- Diplazium angustipinna* (Holtt. — *Athyrium*) 45:637
D. armatum (Copel. — *Lastrea*) 34:135
D. curtisii (Holtt. — *Athyrium*) 45:637
D. dielsii (Brause — *Alsophila*) 34:136
D. insigne 9:123. — Malaya, Holttum SFN 21635 (SING)
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D. latilobum 43:308. — Thailand, Hansen, Seidenfaden & Smitinand 11155 (C; K)
D. latisquamatum 9:124. — Malaya, Holttum SFN 31311 (SING)

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- D. procumbens* 15:95.f.4. — Malaya, Holtum SFN 36503 (SING)
D. riparium 15:97.f.5. — Malaya, Hume 8186
D. simplicivenium 15:100.f.6. — Malaya, Holtum SFN 36507 (SING)
D. speciosum var. *major* (Bedd. — *D. sorzogonense* var.) 15:103
D. stellatopilosum (Brause — *Dryopteris*) 34:136
D. stipitipinnula 41:328 New Guinea, Hoogland 9090 (K)
D. subintegrum 9:125. — Malaya, Holtum 31350 (SING)
D. velutinum 9:126. — Malaya, Holtum SFN 31221 (SING)
D. woodwardioides (Presl — *Brachysorus*) 47:30

Diplora translucens 44:41. — Bismarck Archipelago, Noona Dan Exped. 1824 (C)

Dryopteris brunnea var. *glabrata* (Clarke — *Polypodium distans* var.) 9:127
D. haniffii 16: 272. f. 1. — Malaya, Holtum SFN 31286 (SING)
D. urophylla var. *nitida* 7:249, 251 (text-f.) — Borneo, Holtum 25592 (SING)

Elaphoglossum angustifrons 40:319. — NE New Guinea, Womersley 11272 (LAE; A, K)
E. apiculatum 40:320. — W. New Guinea, Brass 13624 (G)
E. apoense 40:320. — Philippine Is., Edaño PNH 710 (MICH)
E. arachnoideum 40:320. — Papua, Brass 24541 (A)
E. brevifolium 16:270. — Malaya, Holtum SFN 20750 (SING)
E. calanasicum 64:196. — Philippine Is., Luzon, Price 2933 (K; PNH)
E. favigerum 40:321. — W. New Guinea, Brass 13440 (G; MICH)
E. heterostipes 40:321. — C. Indonesian Borneo, Endert 4424 (BO)
E. idenburgensis 40:321. — W. New Guinea, Brass 12283 (G; MICH)
E. indrapuræ 40:321. — Sumatra, Alston 14275 (BM)
E. latemarginatum 40:322. — Papua, Brass 24896 (A)
E. malayense 40:322. — Malay Peninsula, Henderson 17765 (K; SING)
E. melanochlamys 40:322. — W. New Guinea, Eyma 5408 (BO)
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E. peninsulare 16:270. — Siam, Eryl Smith 2021 (SING)
E. planicosta 40:324. — NE New Guinea, Jermy 4216 (BM)
E. pullenii 40:324. — NE New Guinea, Pullen 5034 *partim* (L)
E. resiniferum 40:324. — Papua, Wakefield 1466 (BM)
E. spongophyllum Bell ex. 40:325. — N. Borneo, Clemens 31869 (BO)
E. stenolepis Bell ex. 40:325. — N. Borneo, Clemens 28019 (US)
E. sumatranum 40:325. — Sumatra, Matthew s.n. (K)
E. thamnopteris 40:326. — Papua, Brass 22990 (A)
E. vepriferum 40:326. — NE New Guinea, Clemens 7417 (B; G)

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G. angustiloba 26:263. — N. Guinea, Brass 4960 (BM; K)
G. brevipinnula 26:264. — Sarawak, Bell 2042 (BM)
G. clemensiae (Copel. — *Hicriopteris*) 28:14
G. clemensiae var. *membranacea* (Holt. — *Gleichenia papuana* var.) 28:14
G. deflexa 26:264. — Addendum, New Guinea, Papua, Brass 27171 (L)
G. hirta var. *amboinensis* (v.A.v.R. — *Gleichenia amboinensis*) 26:269
G. hirta var. *amoena* (v.A.v.R. — *Gleichenia amoena*) 26:269
G. hirta var. *candida* (Rosénst. — *Gleichenia candida*) 26:269

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- G. hirta* var. *lanuginosa* (v.A.v.R. — *G. ornamentalis* var.) 28:27
G. hirta var. *ornamentalis* (Rosenst. — *Gleichenia ornamentalis*) 26:269
G. hirta var. *virescens* (Hieron. — *Gleichenia dolosa* var.) 26:270
G. hooglandii 41:327. — NE New Guinea, Hoogland & Schodde 7692 (CANB)
G. loheri var. *major* 26:272. — Celebes, Bunnemeijer 11965 (BO; K, L)
G. matthewii 26:265. — Sumatra, Matthew s.n., 31 Jan. 1912 (K)
G. microphylla var. *vulcanica* (Bl. — *Gleichenia vulcanica*) 24:66
G. paleacea (Copel. — *Hicriopteris*) 26:265
G. papuana 26:266. — N. Guinea, Brass 22597 (BM)
G. papuana var. *membranacea* 26:266. — N. Guinea, Brass 24763 (BM)
G. peltophora var. *schizolepis* C. Chr. ex. 26:262. — Sarawak, Mjöberg 9 (P)
G. pulchra (Copel. — *Sticherus*) 26:271
G. sumatrana 26:264. — Sumatra, Alston [“1484” sphalm.] 14841 (BM)
G. truncata var. *bracteata* (v.A.v.R. — *G. laevigata* var.) 26:271
G. truncata var. *celebica* 28:22. — (Central) Celebes, 2600-3000 m. alt. [nothing else quoted]
G. truncata var. *involuta* 26:272. — Sumatra, Winkler (Rosenst., Fil. Sumatr. exsicc. 182) (L; BM, P)
G. truncata var. *plumiformis* (Presl — *Mertensia*) 26:272
G. venosa (Copel. — *Sticherus*) 29:20
G. volubilis var. *peninsularis* 26:265. — Malay Peninsula, Bintang FMS. Mus. s.n., June 1917 (K)

Grammitis crispatula 16:268. — Malaya, Burkill SFN 12705 (SING)

Haplodictyum bulusanicum 56:61. — Philippine Is., Luzon, Elmer 16585 (K; BO, Fl, G, L)

Heterogonium alderwereltii nom. nov. 18:163.f.1. — *Pleocnemia stenosemioides*

H. giganteum (Blume — *Aspidium*) 18:166

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